

In the Claims:

1. (Currently Amended) A method of providing updated legacy host screen information to a client application as terminal emulation between a legacy host system and the client application the client application utilizing a request-response communications model, the method comprising:

establishing a first connection between the client application and a server application, wherein the server application provides updated legacy host screen information to the client application in response to requests from the client application using an HTTP request-response communications model, wherein the updated legacy host screen information is based on asynchronously generated information formatted for a character terminal of a host legacy system as part of terminal emulation provided between the client application and the host legacy system;

establishing a second connection between a monitor application and the server application;

receiving a notification of the availability of updated legacy host screen information via the second connection at the monitor application using the HTTP request-response communications model;

requesting the updated legacy host screen information over the first connection using HTTP request-response communications model responsive to receiving the notification;

receiving the requested updated legacy host screen information at the client application; and

displaying the received updated host screen information utilizing the client application.

2. (Original) The method of Claim 1, wherein the client application comprises a web browser and wherein the monitoring application comprises notification code.

3. (Previously Amended) The method of Claim 2, wherein the notification code is provided with updated legacy host screen information, the method further comprising the steps of:

extracting the notification code from the host screen information; and
executing the notification code.

4. (Previously Amended) The method of Claim 2, wherein the updated legacy host screen information comprises a Markup Language.

D1 5. (Previously Amended) The method of Claim 1, wherein the updated legacy host screen information comprises terminal emulation information.

6. (Original) The method of Claim 1, wherein the first and second connections are conducted via a single communications link.

7. (Previously Amended) The method of Claim 1, wherein the server application provides updated legacy host screen information to a second client application in response to requests from the second client application, the method further comprising:

identifying the client application that requested the updated legacy host screen information.

Claims 8-18 (Canceled).

D2 19. (Currently Amended) A system of providing updated legacy host screen information to a client application as terminal emulation between a legacy host system and the client application, the client application utilizing a request-response communications model, the system comprising:

means for establishing a first connection between the client application and a server application, wherein the server application provides updated legacy host screen information to the client application in response to requests from the client application

using an HTTP request-response communications model, wherein the updated legacy host screen information is based on asynchronously generated information formatted for a character terminal of a legacy host system as part of terminal emulation provided between the client application and the host legacy system;

means for establishing a second connection between a monitoring application and the server application;

means for receiving updated legacy host screen information from the legacy host system;

means for transmitting a notification of the availability of updated legacy host screen information to the monitoring application over the second connection using the HTTP request-response communications model responsive to receiving the updated legacy host screen information;

means for receiving a request for the updated legacy host screen information from the client application over the first connection using the HTTP request-response communications model; and

means for transmitting the received updated legacy host screen information to the client application over the first connection in response to receiving the request for the updated legacy host screen information from the client application.

20. (Original) The system of Claim 19, wherein the client application comprises a web browser and wherein the monitoring application comprises an notification code.

21. (Previously amended) The system of Claim 20, wherein the means for transmitting the received updated legacy host screen information further comprises means for incorporating the notification code in the updated legacy host screen information transmitted to the client application.

22. (Previously amended) The system of Claim 19, wherein the server application provides updated legacy host screen information to a second client

application in response to requests from the second client application, the system comprising:

means for identifying the client application that requested the updated legacy host screen information.

23. (Currently Amended) A computer program product that provides updated legacy host screen information to a client application as terminal emulation between a legacy host system and the client application, the client application utilizing a request-response communications model, the computer program product comprising:

a computer-readable storage medium having computer-readable program code means embodied in said medium, said computer-readable program code means comprising:

computer readable program code means for establishing a first connection between the client application and a server application, wherein the server application provides updated legacy host screen information to the client application in response to requests from the client application using an HTTP request-response communications model, wherein the updated legacy host screen information is based on asynchronously generated information formatted for a character terminal of a legacy host system as part of terminal emulation provided between the client application and the host legacy system;

computer readable program code means for establishing a second connection between a monitor application and the server application;

computer readable program code means for receiving a notification of the availability of updated legacy host screen information via the second connection at the monitor application using the HTTP request-response communications model;

computer readable program code means for requesting the updated legacy host screen information over the first connection using the HTTP request-response communications model responsive to receiving the notification;

computer readable program code means for receiving the requested updated legacy host screen information at the client application; and

computer readable program code means for displaying the received updated legacy host screen information utilizing the client application.

24. (Original) The computer program product of Claim 23, wherein the client application comprises a web browser and wherein the monitoring application comprises an notification code.

25. (Previously amended) The computer program product of Claim 24, wherein the notification code is provided with updated legacy host screen information, the computer program product further comprising:

computer readable program code means for extracting the notification code from the host screen information; and

computer readable program code means for executing the notification code.

D2 26. (Previously amended) The computer program product of Claim 24, wherein the updated legacy host screen information comprises a Markup Language.

27. (Previously amended) The computer program product of Claim 23, wherein the updated legacy host screen information comprises terminal emulation information.

28. (Original) The computer program product of Claim 23, wherein the first and second connections are conducted via a single communications link

29. (Original) The computer program product of Claim 23, wherein the server application provides updated legacy host screen information to a second client application in response to requests from the second client application, the computer program product further comprising:

computer readable program code means for identifying the client application that requested the updated legacy host screen information.

30. (Currently Amended) A computer program product of providing updated legacy host screen information to a client application as terminal emulation between a legacy host system and the client application, the client application utilizing a request-response communications model, the computer program product comprising:

a computer-readable storage medium having computer-readable program code means embodied in said medium, said computer-readable program code means comprising:

computer readable program code means for establishing a first connection between the client application and a server application, wherein the server application provides updated legacy host screen information to the client application in response to requests from the client application using an HTTP request-response communications model, wherein the updated legacy host screen information is based on asynchronously generated information formatted for a character terminal display of a host legacy system as part of terminal emulation provided between the client application and the host legacy system;

computer readable program code means for establishing a second connection between a monitoring application and the server application;

computer readable program code means for receiving updated legacy host screen information from a host system;

computer readable program code means for transmitting a notification of the availability of updated legacy host screen information to the monitoring application over the second connection using the HTTP request-response communications model responsive to receiving the updated legacy host screen information;

computer readable program code means for receiving a request for the updated legacy host screen information from the client application over the first connection using the HTTP request-response communications model; and

computer readable program code means for transmitting the received updated legacy host screen information to the client application over the first connection in response to receiving the request for the updated legacy host screen information from the client application.

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31. (Original) The computer program product of Claim 30, wherein the client application comprises a web browser and wherein the monitoring application comprises an notification code.

32. (Previously amended) The computer program product of Claim 31, wherein the computer readable program code means for transmitting the received updated legacy host screen information further comprises:

computer readable program code means for incorporating the notification code in the updated legacy host screen information transmitted to the client application.

33. (Previously amended) The computer program product of Claim 30, wherein the server application provides updated legacy host screen information to a second client application in response to requests from the second client application, the computer program product comprising:

D2 computer readable program code means for identifying the client application that requested the updated legacy host screen information.

34. (Currently Amended) A system for displaying updated legacy host screen information utilizing a web browser as part of terminal emulation provided between the client application and the web browser, comprising:

a host server application;

a browser application configured to communicate with the host server application using an HTTP request-response communications model;

a first connection configured to provide communication between the host server application and the browser application using the HTTP request-response communications model;

a notification application operably associated with the browser application that notifies the browser application to request updated legacy host screen information from the host server application for display by the browser application using the HTTP request-response communications model, wherein the updated legacy host

screen information is based on asynchronously generated information formatted for a character terminal display of a host legacy system as part of terminal emulation provided between the client application and the host legacy system; and

a second connection, established by the notification application, configured to provide communication between the host server application and the notification application using the HTTP request-response communications model.

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Cont 35. (Original) A system according to Claim 24, wherein the first and second connections comprise sockets.

36. (Original) A system according to claim 34 wherein the notification application is embedded in a web page provided to the browser application by the host server application.
